Listing of claims:

1. (currently amended) A calcium phosphate body wherein the body is a [[an]] calcium phosphate agglomerate being a product of an agglomeration as an agglomeration of a plurality of water-soluble glass bodies is transformed into a plurality of calcium phosphate bodies by dissolution of said glass bodies and reaction of Ca^{2+} ions therefrom with PO_4^{3-} and OH^-, the calcium phosphate agglomerate having a shape that is substantially the same as that of the agglomeration of the plurality of water-soluble glass bodies.

2. (original) The agglomerate of claim 1 wherein the agglomerate contains at least about 10 calcium phosphate bodies.

3. (original) The agglomerate of claim 1 wherein the agglomerate has a width of at least about 1 μm.

4. (currently amended) The calcium phosphate body of claim 1 wherein ~~the body is an calcium phosphate agglomerate, the agglomerate being a product of an agglomeration as a plurality of water-soluble glass bodies is sintered into an agglomerate and subsequently transformed into an agglomerate of calcium phosphate bodies~~ the agglomerate of water-soluble glass bodies is formed by sintering.

5. (original) The calcium phosphate body of claim 1 wherein the body is hollow.

6. (original) The calcium phosphate body of claim 1 wherein the body is porous.

7. (original) The calcium phosphate body of claim 1 wherein the body is hollow and porous.

8. (withdrawn) A process for making a calcium phosphate body comprising contacting a water-soluble glass body in the form of a sphere with a diameter of less than about 1μm, fiber, flake or ellipsoid and a phosphate solution at a temperature of wherein the water-soluble glass

body contains about 1 to about 40 wt.% CaO, about 5 to about 65 wt.% alkali metal oxide component and about 20 to about 94 wt.% of a glass former.

9. (withdrawn) The process of claim 8 wherein the water-soluble glass body contains about 15 wt.% of CaO.

10. (withdrawn) The process of claim 8 wherein the alkali metal oxide component is Li_2O, Na_2O, K_2O, Rb_2O, Cs_2O or mixtures thereof.

11. (withdrawn) The process of claim 8 wherein the alkali metal oxide is Li_2O.

12. (withdrawn) The process of claim 8 wherein the water-soluble glass body contains about 10 to about 15 wt.% CaO and about 8 to about 15 wt.% of the alkali metal oxide wherein the alkali metal oxide is Li_2O.

13. (withdrawn) The process of claim 8 wherein the glass former is B_2O_3.

14. (withdrawn) The process of claim 8 wherein the water-soluble glass body contains about 10 to about 15 wt.% CaO and about 8 to about 15 wt.% of the alkali metal oxide wherein the alkali metal oxide is Li_2O, and containing about 70 to about 82 wt.% of B_2O_3.

15. (withdrawn) The process of claim 8 wherein the calcium phosphate is amorphous calcium phosphate or hydroxyapatite.

16. (withdrawn) The process of claim 8 wherein the water-soluble glass body and the phosphate solution are contacted for a time ranging from about 1 hour to 2 weeks.

17. (withdrawn) The process of claim 8 wherein the water-soluble glass body and the phosphate solution are contacted for a time ranging from about 4 hours to 24 hours.

18. (withdrawn) The process of claim 8 wherein the water-soluble glass body and the phosphate solution are contacted at a temperature of about 20°C to about 90°C.

19. (withdrawn) The process of claim 8 wherein the water-soluble glass body and the phosphate solution are contacted at a temperature of about 37°C.

20. (withdrawn) The process of claim 8 wherein the phosphate solution has a pH of about 7 to about 10.

21. (withdrawn) The process of claim 8 wherein the phosphate solution has a pH of about 9.

22. (withdrawn) The process of claim 8 wherein the phosphate solution has a concentration of about 0.001M to 1.0M.

23. (withdrawn) The process of claim 8 wherein the phosphate solution has a concentration of about 0.25M.

24. (withdrawn) The process of claim 8 wherein the water-soluble glass body and the phosphate solution are contacted at a temperature of about 37°C for a time of about 24 hours and the phosphate solution has a concentration of about 0.25M and a pH of about 9.

25. (currently amended) A process for making the ~~an~~ agglomerate of calcium phosphate bodies of claim 1 comprising contacting a plurality of water-soluble glass bodies with a phosphate solution and allowing the calcium phosphate bodies to fuse together as the water-soluble glass bodies are transformed to calcium phosphate bodies.

26. (withdrawn) The process of claim 25 wherein the water-soluble glass bodies contain about 1 to about 40 wt.% CaO, about 5 to about 65 wt.% alkali metal oxide component and about 20 to about 94 wt.% of a glass former.

Claims 27.-54. (canceled)

55. (currently amended) A regular or irregular particle of hydroxyapatite prepared from molded ~~or crushed~~ water-soluble glass containing about 1-40 wt.% of a calcium component, about 5-65 wt.% of an alkali metal oxide component and about 20-94 wt.% of a glass former, other than glass containing 20-35 wt% CaO, 20-35 wt.% Na_2O, 0-10 wt.% P_2O_5 and 30-50 wt.% B_2O_3, transformed in a phosphate solution at a temperature of less than about 100°C, the hydroxyapatite particle having substantially the same shape as the molded or crushed water-soluble glass.

56. (currently amended) The particle of claim 55 wherein the glass former is B_2O_3 and the water-soluble glass has a ratio of B_2O_3 to alkali metal oxide component of about 2 to 1 ~~2.5 to 1~~ to about 4 to 1 ~~3.5 to 1~~.

57. (currently amended) The particle of claim 55 wherein the glass former is B_2O_3 and the water-soluble glass has a ratio of B_2O_3 to alkali metal oxide component of about 2.5 to 1 to about 3.5 to 1.

58. (new) The calcium phosphate body of claim 1 wherein the water-soluble glass bodies contain about 1 to about 40 wt.% CaO, about 5 to about 65 wt.% alkali metal oxide component and about 20 to about 94 wt.% of a glass former.

59. (new) The calcium phosphate body of claim 58 wherein the water-soluble glass body contains about 15 wt.% of CaO.

60. (new) The calcium phosphate body of claim 58 wherein the alkali metal oxide component is Li_2O, Na_2O, K_2O, Rb_2O, Cs_2O or mixtures thereof.

61. (new) The calcium phosphate body of claim 58 wherein the alkali metal oxide is Li_2O.

62. (new) The calcium phosphate body of claim 58 wherein the water-soluble glass body contains about 10 to about 15 wt.% CaO and about 8 to about 15 wt.% of the alkali metal oxide wherein the alkali metal oxide is Li_2O.

63. (new) The calcium phosphate body of claim 58 wherein the glass former is SiO_2, P_2O_5, B_2O_3 or a mixture thereof.

64. (new) The calcium phosphate body of claim 58 wherein the water-soluble glass body contains about 10 to about 15 wt.% CaO and about 8 to about 15 wt.% of the alkali metal oxide wherein the alkali metal oxide is Li_2O, and containing about 70 to about 82 wt.% of B_2O_3.

65. (new) The calcium phosphate body of claim 58 wherein the calcium phosphate is amorphous calcium phosphate or hydroxyapatite.

66. (new) The particle of claim 55 wherein the molded glass has a shape of a bar, rod, cube, or ellipsoid.

67. (new) The calcium phosphate body wherein the calcium phosphate agglomerate has a size that is substantially the same as that of the agglomeration of the plurality of water-soluble glass bodies.